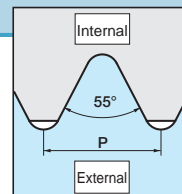


# Threading Inserts



## External Threading Inserts

● 55°Type [Partial Profile / G (PF) R (PT, BSPT) (W)]

Partial Profile 55° (mm)					Classification of usage ● : 1st Choice ○ : 2nd Choice	P	Carbon Steel / Alloy Steel						Ref. Page for Depth of Cut & Number of Passes		
Description	Previous Description	A	T	ød		M	Stainless Steel		●						
16E <sup>R/L</sup>	TNN32E <sup>R/L</sup>	9.525	3.68	4.0											
22E <sup>R/L</sup>	TNN43E <sup>R/L</sup>	12.70	4.9	4.85											
Insert <small>Handed Insert shows Right-hand</small>	Description	Previous Description	Applicable Thread		Dimension (mm)		Angle (°)	Cermet		PVD Coated Carbide		Carbide		Ref. Page for Depth of Cut & Number of Passes	
			G(PF) R(PT) Pitch TPI	W	re	S		TC60	PR1115	PR930	GW15	KW10			
Partial Profile		16E <sup>R/L</sup> A55-TF	- 5501 5502	28, 19	48~16	0.06	1.00	55°							J33 J34
				G55-TF	14, 11	14~8	0.22		1.60						
				AG55-TF	28~11	48~8	0.06		1.60						
		16E <sup>R/L</sup> A55	-	28, 19	48~16	0.06	1.00	55°							
				G55	14, 11	14~8	0.22		1.60						
				AG55	28~11	48~8	0.06		1.60						
		22E <sup>R/L</sup> N55	-	-	7~5	0.47	2.50								
		16E <sup>R/L</sup> 5501	TNN32E <sup>R/L</sup> 5501	28~11	24~10	0.10	1.50								
				5502	14, 11	16~9	0.20	1.50							

● Applicable Toolholder

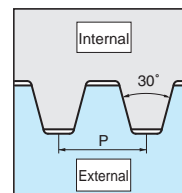
For recommended cutting conditions, see page ● J29

Description	Applicable Toolholder	Ref. Page for Toolholder
16ER ...	KTNR...-16 KTNSR...-16	J16
22ER ...	KTNR...-22	



## External Threading Inserts

● 30°Trapezoidal (Tr)



Partial Profile 30° (mm)					Classification of usage ● : 1st Choice ○ : 2nd Choice	P	Carbon Steel / Alloy Steel						Ref. Page for Depth of Cut & Number of Passes	
Description	Previous Description	A	T	ød		M	Stainless Steel		●	○				
16E <sup>R/L</sup>	TNN32E <sup>R/L</sup>	9.525	3.68	4.0										
22E <sup>R/L</sup>	TNN43E <sup>R/L</sup>	12.70	4.9	4.85										
Insert <small>Handed Insert shows Right-hand</small>	Description	Previous Description	Applicable Thread		Dimension (mm)		Angle (°)	Cermet		PVD Coated Carbide		Carbide		Ref. Page for Depth of Cut & Number of Passes
			Tr Pitch mm	W	re	S		TC60	PR1115	PR930	GW15	KW10		
Partial Profile		16E <sup>R/L</sup> 200TR	TNN32E <sup>R/L</sup> 200TR	2.0	0.20	1.6	30°							J34
				3.0	0.20	1.6								
		22E <sup>R/L</sup> 400TR	TNN43E <sup>R/L</sup> 400TR	4.0	0.20	2.5	30°							
				5.0	0.20	2.5								

● Applicable Toolholder

For recommended cutting conditions, see page ● J29

Description	Applicable Toolholder	Ref. Page for Toolholder
16ER ...	KTNR...-16 KTNSR...-16	J16
22ER ...	KTNR...-22	

Applicable Thread	M: Metric	R, Rc (PT), (BSPT): Tapered Pipe
	UN: Unified	W: Whitworth
	UNF: Unified Fine Thread	NPT: American National Tapered Pipe
	G (PF): Parallel Pipe	Tr: 30°Trapezoidal

PR930 / PR1115 / GW15 (Threading Insert) is sold in 5 piece boxes.

Inserts are sold in 10 piece boxes.

● : Std. Item □ : Check Availability